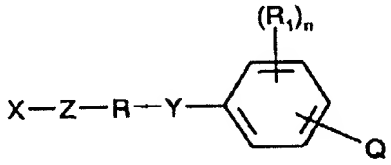
Abstract

The present invention relates to a process for the modification of a material surface comprising the steps of

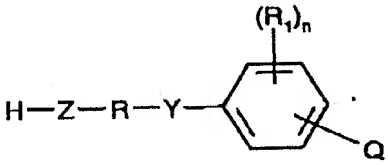
(a_1) photochemically fixing one or more different compounds of formula



(1a),

onto the material surface, or

(a_2) photochemically fixing a compound of formula



(1b),

onto the material surface and subsequently converting the -ZH groups to -Z-X moieties, wherein the variables each have the meanings as given in the claims; and

(b) enzymatically attaching one or more further carbohydrates to the X radicals of the modified surface obtained according to step (a_1) or (a_2). The materials obtainable by the process of the invention are useful, for example, for the manufacture of biomedical devices including biosensors.